

ZILKP012US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number: 10/604,631  
Filing Date: August 6, 2003  
Applicant(s): Zilka et al.  
Title: Device, System and Method for On-Line Explosive Deslagging  
Group Art Unit: 3641  
Examiner: Harvey E. Behrend

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JAN 28 2004

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## Information Disclosure Statement

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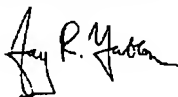
Dear Sir:

Attached is a completed substitute form PTO-1449A (1 sheet patent documents), the foreign patent reference cited thereon, and an English-language translation thereof.

The reference disclosed herein, JP H4-155200A, dated May 28, 1992, merely discloses a cooled explosive tube very similar to those disclosed in US 2,840,365 issued June 24, 1958 and in LU 41977 published August 30, 1962, each of which are already of record in this case and each of which is discussed extensively in the application disclosure. Indeed, if one compares Figures 2 and 3 of JP H4-155200A with the drawings of US 2,840,365 and LU 41977, it is apparent that JP H4-155200A is little more than an attempt to improve on these earlier cooling tubes. JP H4-155200A, similarly to US 2,840,365 and LU 41977, is a fixed-position, non-mobile cooling tube that is "set at a predetermined place." It does not disclose or suggest or motivate applicant's claimed invention for many of the same reasons set forth in applicant's disclosure vis-à-vis US 2,840,365 and LU 41977.

Please enter this reference into this case prior to a first examination on the merits.

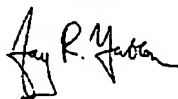
Very truly yours,



Jay R. Yablon  
Registration # 30604

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Name of Person signing this certificate: Jay R. Yablon

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PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449A/PTO		<b>Complete if Known</b>		<b>RECEIVED</b> <b>CENTRAL FAX CENTER</b> <b>JAN 28 2004</b> <b>OFFICIAL</b>
		Application Number	10/604,631	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Filing Date	August 6, 2003	
		First Named Inventor	Zilka	
		Art Unit	3641	
		Examiner Name	Harvey E. Behrend	
		Attorney Docket Number	ZILKP012US	
(Use as many sheets as necessary)				
Sheet	1	of	1	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		JP H4-155200A	05-28-1992	Chigoku Kako		X

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinda Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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